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NPIC/TDS/D-844-67
18 May 1967

MEMORANDUM FOR THE RECORD

SUBJECT: Visit to [redacted] 25X1

1. On 4 May 1967 [redacted] 25X1
[redacted] for the purpose of obtaining critical data on, and formulating plans for the raising of the Briefing Print Enlarger (BPE) to the second floor of [redacted] was represented by: [redacted] design engineers of the enlarger. [redacted] installation test and evaluation engineer and [redacted] Packaging engineer, A&O Div. 25X1 25X1 25X1 25X1

2. Several hours were spent in the taking of measurements of the minimum height, length and width of the Enlarger. Determination of projecting items that could be removed, the turning radius of the casters and identification of components that could be moved intentionally or by chance that would effect the center of gravity. Also the location of points where lifting force could be applied. Several hours more were spent in discussion of packaging for transport, unloading at destination, and preparation for and lifting to the second floor. In this discussion it appeared that the best method for transporting would be to mount the enlarger on a shock protected pallet and cover with a moisture proof cover. [redacted] will provide access holes through the enlarger frame and lifting rods that can be inserted through these holes for lifting. It was determined that the best method for moving the enlarger after arrival at destination would be on its own casters. This is largely influenced by the height of doors and the width of halls through which it must be moved, and the elevator shaft clearances. During these discussions it appeared that there would be difficulties in getting the enlarger into and out of the elevator shaft by the use of slings without seriously 25X1

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shifting the center of gravity; [redacted] representative stated that tipping 25X1
of the equipment should be limited to around 10 degrees. It was agreed that this problem could be solved by building a scaffold at both the first and second floors for loading and unloading but, it was desired to avoid this if possible. When no one appeared to have a satisfactory answer to the problem the writer suggested that a platform be constructed and be suspended under the elevator by suitable cables, and that after locking the platform to prevent shifting, that the enlarger be simply rolled onto and off the platform. This was immediately accepted as the logical solution to the problem; it would be low in cost, would provide protection for the enlarger and would be useful for subsequent lifting jobs at [redacted] 25X1

3. The formulated plans for packaging, transportation, unloading from truck, moving through [redacted] and lifting to the second floor 25X1
are as follows:

a. The enlarger will be attached to a reusable shock protected pallet and will be covered by a moisture proof cover.

b. The vehicle used for shipment will probably be a removable cover type and on arrival at destination, [redacted] 25X1
Washington, D.C.). The packing crate will be removed while on the truck and the enlarger will be hoisted by the wall crane, using the lifting rods provided with the enlarger, and be set on the loading platform on its own casters.

c. The enlarger will be rolled through the building halls on its own casters, man power being provided by NPIC.

d. Logistics Branch, NPIC will provide a platform suspended under the freight elevator and the man-power to roll the enlarger onto and off the platform.

e. [redacted] engineers will be available for removal and replacement of an appendages that should require removing. 25X1

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f. The packing crate will either be returned on the delivery truck or will be shipped back by the [redacted] Personnel that do the installation of the printer at NPIC. 25X1

[redacted] 25X1

TDS/DS

Distribution:
Orig - Project file
2 - TDS/DS

NPIC/TDS/DS [redacted] (18 May 67) 25X1

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